

U.S. Application No.:
PRELIMINARY AMENDMENT

ATTORNEY DOCKET: 3926.017

A1
lane markings from image data, wherein the morphological characteristics of dot-shaped vehicle lane markings are evaluated on the basis of a *priori* knowledge.

Description of the Related Art--;

Page 2, delete the second and third paragraphs (lines 6-13) and insert:

--It is the task of the invention to provide a new process for recognition of vehicle lane markings from image data.

SUMMARY OF THE INVENTION

A2
In the inventive process the morphological characteristics of point-shaped vehicle land markers are evaluated on the basis of a *priori* knowledge. For this, those estimation processes are particularly useful, which are based on a Kalman Filter. After the selection of suitable ROI a Matched Filter is employed, in order to better extract from the background the image points associated with a vehicle lane marker. The inventive process is obviously not limited to point-shaped vehicle lane markers.

BRIEF DESCRIPTION OF THE DRAWINGS--;

Page 2, line 28, insert:

A3
--DETAILED DESCRIPTION OF THE INVENTION--.

IN THE CLAIMS:

Page 9, line 1, please delete "PATENT CLAIMS" and insert therefore --What is Claimed is:--